

ABSTRACT OF THE DISCLOSURE

[1047] An arbiter is used so multiple users can use shared resources. The arbiter allocates at least one of the resources speculatively to one of the users for use during a particular access interval in the absence of a request for the resource from the user. The arbiter can also allocate one or more of the resources for use during the particular access interval in response to requests received by the arbiter for the resource(s). That is, a particular access interval may include both speculative and non-speculative allocation of resources by the arbiter.

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